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Platform SDK Developer's Guide

Introduction to TLib Functions and Data

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Introduction to TLib Functions and Data

This page provides a flat list of TLib functions, datatypes, and unstructured data that you should be familiar with during development.

For detailed descriptions and additional information, please see the [TLib Reference Guide](#).

List of TLib Functions

The following table provides a convenient list of TLib Functions that are available.

TAgentLogin	TEventGetStringAttr	TNetworkMerge	TSendEvent
TAgentLogout	TFreeEvent	TNetworkPrivateService	TSendEventEx
TAgentSetIdleReason	TGetAccessNumber	TNetworkReconnect	TSendUserEvent
TAgentSetNotReady	TGetMessageTypeNames	TNetworkSingleStepTransfer	TSetCallAttributes
TAgentSetReady	TGetReferenceID	TNetworkTransfer	TSetDNDOff
TAlternateCall	TGetRouteTypeNames	TOpenServer	TSetDNDOOn
TAnswerCall	TGetTreatmentTypeNames	TOpenServerEx	TSetInputMask
TApplyTreatment	TGetXCaps	TOpenServerX	TSetMessageWaitingOff
TAttachUserData	TGiveMusicTreatment	TOpenVoiceFile	TSetMessageWaitingOn
TCallCancelForward	TGiveRingBackTreatment	TPlayVoice	TSetMuteOff
TCallSetForward	TGiveSilenceTreatment	TPrivateService	TSetMuteOn
TCancelMonitoring	THoldCall	TQueryAddress	TSetParamHA
TCancelReqGetAccessNumber	TInitiateConference	TQueryCall	TSetRefIDLimit
TClearCall	TInitiateTransfer	TQueryLocation	TSetReferenceID
TCloseServer	TLibSetCompatibMode	TQueryServer	TSetSocketChangeCallback
TCloseVoiceFile	TListenDisconnect	TQuerySwitch	TSingleStepConference
TCollectDigits	TListenReconnect	TReconnectCall	TSingleStepTransfer
TCompleteConference	TLoginMailBox	TRedirectCall	TSockInfoStructure
TCompleteTransfer	TLogoutMailBox	TRegisterAddress	TSyncIsSet
TCopyEvent	TMakeCall	TReleaseCall	TSyncSetSelectMask
TDeleteAllUserData	TMakePredictiveCall	TReserveAgent	TUnregisterAddress
TDeleteFromConference	TMergeCalls	TRetrieveCall	TUpdateUserData
TDeleteUserData	TMonitorNextCall	TRouteCall	TXCapsSupported
TDispatch	TMuteTransfer	TScanServer	connid_to_decimal

TEventGetConnID	TNetworkAlternate	TScanServerEx	connid_to_str
TEventGetIntAttr	TNetworkConsult	TSendDTMF	decimal_to_connid
			str_to_connid

List of TLib Datatypes

The following table provides a convenient list of TLib Datatypes that are available.

Important

The names of most of these datatypes start with a "T", but the Voice Platform SDK uses names that do not contain an initial "T". For example, the TRegisterMode datatype mentioned in this section is known to the Voice Platform SDK as RegisterMode.

AddressStatusInfoType	TCallState	TKVResult	TRegisterMode
AssociationInfoType	TCallType	TKVType	TReliability
MsgWaitingInfoType	TClearFlag	TLocationInfoType	TRemoteParty
TAddressInfoStatus	TConnectionID	TMakeCallType	TRouteType
TAddressInfoType	TControlMode	TMediaType	TScanServerMode
TAddressType	TDNRole	TMergeType	TServer
TAgentID	TDirectoryNumber	TMessageType	TServerRole
TAgentPassword	TEvent	TMonitorNextCallType	TSetOpType
TAgentType	TEventMask	TNetworkCallState	TSwitchInfoType
TAgentWorkMode	TFile	TNetworkDestState	TTime
TAttribute	TForwardMode	TNetworkPartyRole	TTimeStamp
TCallHistoryInfo	TInterruptFlag	TOpenMode	TTreatmentType
TCallID	TKVList	TPartyState	TXCaps
TCallInfoType	TKVPair	TPrivateMsgType	TXRouteType

List of TLib Unstructured Data

The following table provides a convenient list of TLib Unstructured Data functions that are available.

These functions deal exclusively with transaction-related user data on the client side and allow you to

work with all three categories of unstructured data: *User Data*, *Extensions*, and *Reasons*. None of these functions generate any requests to T-Server. The result of the function execution is confirmed by the value that the function returns.

TKVListAddBinary	TKVListCreate	TKVListGetListValue	TKVListNextPair
TKVListAddInt	TKVListDeleteAll	TKVListGetStringValue	TKVListPrint
TKVListAddList	TKVListDeletePair	TKVListGetUnicodeValue	TKVListStringValue
TKVListAddString	TKVListDup	TKVListInitScanLoop	TKVListType
TKVListAddUnicode	TKVListFree	TKVListIntValue	TKVListUnicodeValue
TKVListBinaryLength	TKVListGetBinaryValue	TKVListKey	TKVListGetPair
TKVListBinaryValue	TKVListGetIntValue	TKVListListValue	